

1 Claims

- 2 1. A storage device adapted to act as a "host" or master
3 on a peripheral interface.
4
- 5 2. The storage device of Claim 1 wherein the storage
6 device is an optical storage device.
7
- 8 3. A device comprising the storage device of any of Claims
9 1 or 2.
10
- 11 4. A device comprising:
12 a data writing means (12) to write data to a storage
13 medium (13); and
14 a peripheral interface (14) for data transfer with a
15 peripheral device (16) wherein the device acts as
16 the "host".
17
- 18 5. A device, adapted to act as a "host" or master on a
19 peripheral interface wherein the device is further
20 adapted to automatically detect a connected peripheral
21 and transfer data from the connected peripheral to a
22 storage medium.
23
- 24 6. The device of Claim 5 comprising:
25 a first peripheral interface (14) for data transfer
26 with a peripheral device (16); and
27 a second peripheral interface (14) for data transfer
28 with a storage device (38);
29 wherein the device is adapted to act as "host" or
30 master on the first and second peripheral interfaces.
31
- 32 7. The device of any of Claims 3 to 6 wherein the storage
33 medium is an optical medium.

1

2 8. The device of Claim 7 wherein the optical medium is an
3 optical disc.

4

5 9. The device of any previous Claim wherein the device is
6 further adapted to automatically delete the transferred
7 file on the peripheral device.

8

9 10. The device of any previous Claim wherein the device
10 is further adapted to transfer the data responsive to a
11 single user input.

12

13 11. The device of any previous Claim wherein the device
14 is further adapted to verify the data transfer
15 responsive to a single user input.

16

17 12. The device of any previous Claim wherein the device
18 is further adapted to delete the transferred file
19 responsive to a single user input.

20

21 13. The device of any of Claims 10 to 12 wherein the
22 single user input is a single button press on the
23 device.

24

25 14. The device of any previous Claim wherein a button on
26 the device is dedicated to triggering one of:
27 transferring, verifying or deleting data.

28

29 15. The device of any previous Claim wherein the the
30 device further comprises a peripheral interface host
31 module (18) for providing host functions.

32

- 1 16. The device of Claim 14 wherein the the host module
2 is controlled by a firmware or coding module (20).
3
- 4 17. The device of any of Claims 15 to 16 wherein the
5 format of the peripheral interface is a format for the
6 transfer of data from peripheral device to a PC.
7
- 8 18. The device of any previous Claim wherein the device
9 further comprises memory and the data comprises images
10 and the device is further adapted to store decompressed
11 images within the memory (22), transcoded into a
12 standard format.
13
- 14 19. The device of Claim 18 wherein the transcoded images
15 are recorded onto the storage medium in a format where
16 each still image is written as a separate image frame.
17
- 18 20. The device of any previous Claim wherein the device
19 is further adapted to transcode data received by peer
20 to peer transfer and produce storage media of standard
21 format.
22
- 23 21. The device of any previous Claim wherein the device
24 further comprises a transcoder module (30) for
25 converting data received from the peripheral device
26 from a first format to a second format.
27
- 28 22. The device of any previous Claim wherein the device
29 is adapted to save to the storage medium the data
30 received from the peripheral device transcoded or
31 copied directly into a plurality of formats.
32

1 23. The device of Claim 22 wherein the storage medium is
2 an optical disc which is multi-session disc and each
3 format is saved as a separate session.
4

5 24. A method of storing data comprising the steps:
6 automatically detecting the connection of a
7 peripheral;
8 receiving data from the connected peripheral; and
9 transferring the data to a storage medium.
10

11 25. The method of Claim 24 wherein the storage medium is
12 an optical medium.
13

14 26. The method of any of Claims 24 to 25 wherein the
15 step of transferring is automatic.
16

17 27. The method of any of Claims 24 to 26 wherein the
18 step of transferring is responsive to a single user
19 input.
20

21 28. The method of any of Claims 24 to 27 wherein the
22 method further comprises the step of verifying the
23 transferred file on the peripheral.
24

25 29. The method of any of Claims 24 to 28 wherein the
26 step of verifying is automatic.
27

28 30. The method of any of Claims 24 to 29 wherein the
29 step of verifying is responsive to a single user input.
30

31 31. The method of any of Claims 24 to 30 wherein the
32 method further comprises the step of deleting the
33 transferred file on the peripheral.

1

2 32. The method of any of Claims 24 to 31 wherein the
3 step of deleting is automatic.

4

5 33. The method of any of Claims 24 to 32 wherein the
6 step of deleting is responsive to a single user input.

7

8 34. The method of any of Claims 24 to 33 wherein the
9 single user input is a single button press.

10

11 35. The method of Claim 34 wherein the single user input
12 is a single button press on a button dedicated to
13 triggering one of: transferring, verifying or deleting
14 data.

15

16 36. The method of any of Claims 24 to 35 wherein the
17 data comprises an image and the method further
18 comprises the steps of decompressing an image and
19 transcoding it into a standard format.

20

21 37. The method of any of Claims 24 to 36 wherein the
22 method further comprises the step of recording a
23 plurality of transcoded images onto the storage medium
24 in a format where each still image is written as a
25 separate image frame.

26

27 38. The method of any of Claims 24 to 37 wherein the
28 method further comprises the steps of transcoding data
29 received by peer to peer transfer and producing storage
30 media of standard format.

31

32 39. The method of any of Claims 24 to 38 wherein the
33 method further comprises the step of saving to the

1 storage medium the data received from the peripheral
2 device transcoded or copied directly into a plurality
3 of formats.

4

5 40. The method of any of Claims 24 to 39 wherein the
6 method further comprises the step of saving each format
7 as a separate session on a multi-session optical disc.

8